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| APPLICATION NO.               | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO.     | CONFIRMATION NO |
|-------------------------------|-------------|----------------------|-------------------------|-----------------|
| 09/900,096                    | 07/05/2001  | Michael A. DeNatale  | 7157                    | 4443            |
| 7590 07/26/2004               |             |                      | EXAMINER                |                 |
| PAUL M. DENK                  |             |                      | LEE, JINHEE J           |                 |
| 763 South New<br>St Louis, MO |             |                      | ART UNIT PAPER NUMBER   |                 |
| 5t 25ui5, 1115                |             |                      | 2831                    |                 |
|                               |             |                      | DATE MAILED: 07/26/2004 |                 |

Please find below and/or attached an Office communication concerning this application or proceeding.



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| APPLICATION NUMBER FILING DATE  | FIRST NAMED APPLICANT  | ATTORN                                  | EY DOCKET NO.                           |
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|   |  | ART UNIT                                | PAPER NUMBER                            |
|   |  |   |   |
|   |  | DATE MAILED:                            |   |
|   | NOTICE OF ABANDONMENT  | Γ                                       |   |
| This application is abandoned in view   | w of:  |   |   |
| Applicant's failure to timely   | file a proper reply to the Office letter mailed on   | I                                       | <del></del> .                           |
| A reply (with Certif  | ficate of Mailing or Transmission of   | ) was received on                       |   |
| extension of time   | which is after the expiration of the per month(s)) which expired on  | riod for reply (including a to          | otal                                    |
| _   |  |   |   |
|   | was received on, but it does ne final rejection.   |   |   |
| which places the a  | nder 37 CFR 1.113 to a final rejection consists of application in condition for allowance; (2) a time                              | ely filed Notice of Appeal (            | with appeal fee);                       |
| or (3) a timely filed   | Request for Continued Examination (RCE) in   | compliance with 37 CFR                  | 1.114).                                 |
| A reply was receiv proper reply, to the   | ed on, but it does not constitute<br>e non-final rejection. See 37 CFR 1.85(a) and 1   | te a proper reply, or a <i>bon</i>      | a fide attempt at a the last box below) |
| No reply has been   |  | ( = = = = = = = = = = = = = = = = = = = |   |
| Applicant's failure to timely of three months from the m  | pay the required issue fee and publication fee, ailing date of the Notice of Allowance (PTOL-8:                                    | if applicable, within the st<br>5).     | tatutory period                         |
| Transmission date   | publication fee, if applicable, was received on_d), which is after the expiration lication fee) set in the Notice of Allowance (PT | n of the statutory period fo            | r payment of the                        |
| The submitted fee The issue fee by 3 37 CFR 1.18(d) is  | of \$ is insufficient. A balance of \$<br>7 CFR 1.18 is \$ The publication fee<br>\$   | is due.                                 |   |
| /   | publication fee, if applicable, have not been re-  | ceived.                                 |   |
|   | file corrrected drawings as required by, and wit   |   | d set in,                               |
| Proposed correcte   | d drawings were received on (with a (  | Certificate of Mailing or Tra           | ansmission dated                        |
| No corrected draw   | ings have been received.   |   |   |
| The letter of express aband interest, or all the applicants                                       | onment which is signed by the attomey or ager<br>s.  | nt of record, the assignee              | of the entire                           |
| The letter of express abandounder 37 CFR 1.34(a)) upor  | onment which is signed by an attomey or agen<br>n filing of a continuing application.  | t (acting in a representativ            | ve capacity                             |
| The decision by the Board of for seeking court review of t  | of Patent Appeals and Interferences rendered on the decision has expired and there are no allow                                    | n and becau<br>red claims.              | use the period                          |
| The reason(s) below:  Petitions to revive under 37 CFR 1.13 minimize any negative effects on pate | 37(a) or (b), or requests to withdraw the holding of abandonment term.   | ent under 37 CFR 1.181, should b        | e promptly filed to                     |